

(19) World Intellectual Property Organization International Bureau



(43) International Publication Date 27 January 2005 (27.01.2005)

PCT

(10) International Publication Number WO 2005/007400 A3

(51) International Patent Classification7: B65D B32B 27/08, 3/10, B65D 33/01

B65D 81/34,

(21) International Application Number:

PCT/GB2004/003098

(22) International Filing Date: 16 July 2004 (16.07.2004)

(25) Filing Language:

English

(26) Publication Language:

English

(30) Priority Data:

0316708.7

16 July 2003 (16.07.2003) GB

- (71) Applicant (for all designated States except US): DUPONT TELJIN FILMS U.S. LIMITED PARTNERSHIP [US/US]; Building 27, Barley Mill Plaza, Routes 141 & 48, Wilmington, DE 19805 (US).
- (72) Inventors; and
- (75) Inventors/Applicants (for US only): SANKEY, Stephen, William [GB/GB]; 5 Hambleton Court, Great Smeaton, North Yorkshire DL6 2HR (GB). EVANS, Ken [GB/GB]; 2 Ryedale Close, Yarm, Cleveland TS15 9UN (GB). FRANZYSHEN, Stephen, Kelth [US/US]; 345 Rexmoor Terrace, Richmond, VA 23236 (US). VOISIN, David [FR/GB]; 10 Debruse avenue, Yarm on Tees TS15 9QL (GB).
- (74) Agents: COCKERTON, Bruce, Roger, et al.; Carpmaels & Ransford, 43-45 Bloomsbury Square, London WC1A 2RA (GB).

- (81) Designated States (unless otherwise indicated, for every kind of national protection available): AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW.
- (84) Designated States (unless otherwise indicated, for every kind of regional protection available): ARIPO (BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR), OAPI (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).

Published:

- with international search report
- before the expiration of the time limit for amending the claims and to be republished in the event of receipt of amendments
- (88) Date of publication of the international search report: 17 March 2005

For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.

(54) Title: SELF-VENTING POLYMERIC FILM



(57) Abstract: A heat-sealable, composite film said film comprising a polymeric substrate layer having a first and second surface and disposed on a surface of the substrate layer a water-soluble barrier layer, wherein (i) the substrate layer has one or more venting means therein; and (ii) the thickness of the barrier layer is from about 0.05 to about 40 μm; a process for the manufacture thereof; and use thereof as a self-venting film in the packaging of an ovenable meal.

